

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (Previously Presented): A lithium secondary battery, wherein:
a cathode, an anode and an electrolyte solution are encased in a housing,
a lithium-containing composite oxide comprising lithium cobalt oxide is contained as
a cathode active substance in the cathode, the lithium-containing composite oxide comprises
lithium cobalt oxide and Nb, the amount of Nb is 0.001 to 2 at% relative to cobalt in the
lithium cobalt oxide,

the electrolyte solution contains γ -butyrolactone as a solvent,

the concentration of γ -butyrolactone in the solvent is 60 to 95% by volume, and

said housing has a thickness of 0.3 mm or smaller.

Claims 8-13 (Canceled).

Claim 14 (Previously Presented): The lithium secondary battery according to claim 7,
wherein the housing has a thickness of 0.15 mm or smaller.

Claims 15-16 (Canceled).

Claim 17 (Previously Presented): The lithium secondary battery according to claim 7,
wherein the cathode further contains polyvinylidene fluoride as a binder.

Claim 18 (New): The lithium secondary battery according to claim 7, wherein Nb is present in an amount of 0.001 to 0.1 at%.

Claim 19 (New): The lithium secondary battery according to claim 14, wherein Nb is present in an amount of 0.001 to 0.1 at%.

Claim 20 (New): The lithium secondary battery according to claim 17, wherein Nb is present in an amount of 0.001 to 0.1 at%.

DISCUSSION OF THE AMENDMENT

New Claims 18-20 have been added, as supported in the specification at page 16, lines 17-18, and various examples, such as Examples 1 and 5 in Table 2.

No new matter is believed to have been added by the above amendment. Claims 7, 14 and 17-20 are now pending in the application.